

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

### Complete If Known

Application Number	10/799,295
Filing Date	March 12, 2004
First Named Inventor	Michael P. Wallace et al.
Group Art Unit	3762
Examiner Name	Aguel, Fernando
Attorney Docket Number	04-0050 (US01)

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1.	4,608,985		Crish et al.	09/02/1986	
	2.	4,739,768		Engelson	04/26/1988	
	3.	4,813,934		Engelson et al.	05/21/1989	
	4.	4,869,255		Putz	09/26/1989	
	5.	4,884,579		Engelson	12/05/1989	
	6.	5,005,587		Scott	04/09/1991	
	7.	5,010,894		Edhag	04/30/1991	
	8.	5,170,802		Mehra	12/15/1992	
	9.	5,224,491		Mehra	07/06/1993	
	10.	5,234,437		Sepetka	08/10/1993	
	11.	5,239,999		Imran	08/31/1993	
	12.	5,250,071		Palermo	10/05/1993	
	13.	5,261,916		Engelson	11/16/1993	
	14.	5,263,488		Van Veen et al.	11/23/1993	
	15.	5,304,195		Twyford, Jr. et al.	04/19/1994	
	16.	5,312,415		Palermo	05/17/1994	
	17.	5,350,397		Palermo et al.	09/27/1994	
	18.	5,391,200		KenKnight et al.	02/21/1995	
	19.	5,397,341		Hirschberg et al.	03/14/1995	
	20.	5,411,551		Winston et al.	05/02/1995	
	21.	5,501,703		Holsheimer et al.	03/26/1996	
	22.	5,509,411		Littmann et al.	04/23/1996	
	23.	5,531,779		Dahl et al.	07/02/1996	
	24.	5,534,007		St. Germain et al.	07/09/1996	
	25.	5,603,731		Whitney	02/18/1997	
	26.	5,647,870		Kordis et al.	07/15/1997	
	27.	5,683,422		Rise	11/04/1997	
	28.	5,707,354		Salmon et al.	01/13/1998	
	29.	5,713,922		King	02/03/1998	
	30.	5,716,377		Rise et al.	02/10/1998	
	31.	5,752,979		Benabid	05/19/1998	
	32.	5,782,239		Webster, Jr.	07/21/1998	
	33.	5,792,187		Adams	08/11/1998	
	34.	5,800,474		Benabid et al.	09/01/1998	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2** of **5**

### Complete if Known

Application Number	10/799,295
Filing Date	March 12, 2004
First Named Inventor	Michael P. Wallace et al.
Group Art Unit	3762
Examiner Name	Aguel, Fernando
Attorney Docket Number	04-0050 (US01)

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	35.	5,814,062		Sepetka et al.	09/29/1998	
	36.	5,833,709		Rise et al.	11/10/1998	
	37.	5,860,974		Abele	01/19/1999	
	38.	5,871,483		Jackson et al.	02/16/1999	
	39.	5,908,385		Chechelski et al.	06/01/1999	
	40.	5,925,070		King et al.	07/20/1999	
	41.	5,938,689		Fischell et al.	08/17/1999	
	42.	5,954,761		Machek et al.	09/21/1999	
	43.	5,967,986		Cimochowski et al.	10/19/1999	
	44.	6,015,387		Schwartz et al.	01/18/2000	
	45.	6,016,449		Fischell et al.	01/18/2000	
	46.	6,018,682		Rise	01/25/2000	
	47.	6,053,873		Govari et al.	04/25/2000	
	48.	6,066,163		John	05/23/2000	
	49.	6,074,407		Levine et al.	06/13/2000	
	50.	6,074,507		Sukenik	06/13/2000	
	51.	6,091,980		Squire et al.	07/18/2000	
	52.	6,122,548		Starkebaum et al.	09/19/2000	
	53.	6,128,538		Fischell et al.	10/03/2000	
	54.	6,141,576		Littmann et al.	10/31/2000	
	55.	6,161,029		Spreigl et al.	12/12/2000	
	56.	6,170,488		Spillman, Jr. et al.	01/09/2001	
	57.	6,179,858		Squire et al.	01/30/2001	
	58.	6,231,516		Keilman et al.	05/15/2001	
	59.	6,319,251		Tu et al.	11/20/2001	
	60.	6,330,477		Casavant	12/11/2001	
	61.	6,353,762		Baudino et al.	03/05/2002	
	62.	6,360,122		Fischell et al.	03/19/2002	
	63.	6,361,528		Wilson et al.	03/26/2002	
	64.	6,391,052		Buirge et al.	05/21/2002	
	65.	6,393,325		Mann et al.	05/21/2002	
	66.	6,397,109		Cammilli et al.	05/28/2002	
	67.	6,408,214		Williams et al.	06/14/2002	
	68.	6,418,344		Rezai et al.	07/09/2002	
	69.	6,438,427		Rexhausen et al.	08/20/2002	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

+

 $31 +$ 

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	3	of	5
-------	---	----	---

<b>Application Number</b>	<b>10/799,295</b>
<b>Filing Date</b>	<b>March 12, 2004</b>
<b>First Named Inventor</b>	<b>Michael P. Wallace et al.</b>
<b>Group Art Unit</b>	<b>3762</b>
<b>Examiner Name</b>	<b>Aguel, Fernando</b>
<b>Attorney Docket Number</b>	<b>04-0050 (US01)</b>

U.S. PATENT DOCUMENT DATA						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	70.	6,442,413		Silver	08/27/2002	
	71.	6,445,953		Bulkes et al.	09/03/2002	
	72.	6,463,328		John	10/08/2002	
	73.	6,466,822		Pless	10/15/2002	
	74.	6,480,743		Kirkpatrick et al.	11/12/2002	
	75.	6,484,059		Gielen	11/19/2002	
	76.	6,516,227		Meadows et al.	02/24/2003	
	77.	6,519,488		KenKnight et al.	02/11/2003	
	78.	6,529,774		Greene	03/04/2003	
	79.	6,539,263		Schiff et al.	03/25/2003	
	80.	6,547,788		Maguire et al.	04/15/2003	
	81.	6,547,870		Griessmann et al.	04/15/2003	
	82.	6,562,063		Euteneuer et al.	05/13/2003	
	83.	6,584,358		Carter et al.	06/24/2003	
	84.	6,587,733		Cross, Jr. et al.	07/01/2003	
	85.	6,589,230		Gia et al.	07/08/2003	
	86.	6,591,138		Fischell et al.	07/08/2003	
	87.	6,600,954		Cohen et al.	07/29/2003	
	88.	6,606,521		Paspa et al.	08/12/2003	
	89.	6,647,296		Fischell et al.	11/11/2003	
	90.	6,658,302		Kuzma et al.	12/02/2003	
	91.	6,662,055		Prutchi	12/09/2003	
	92.	6,665,562		Gluckman et al.	12/16/2003	
	93.	6,690,974		Archer et al.	02/10/2004	
	94.	6,842,648		Partridge et al.	01/11/2005	
	95.	2002/0151949		Dahl et al.	10/17/2002	
	96.	2002/0188207		Richter	12/12/2002	
	97.	2003/0014016		Purdy	01/16/2003	
	98.	2003/0199962		Struble et al.	10/23/2003	
	99.	2003/0204135		Bystritsky	10/30/2003	
	100.	2004/0015193		Lamson et al.	01/22/2004	

Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4

of 5

### Complete if Known

Application Number	10/799,295
Filing Date	March 12, 2004
First Named Inventor	Michael P. Wallace et al.
Group Art Unit	3762
Examiner Name	Aguel, Fernando
Attorney Docket Number	04-0050 (US01)

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>2</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	101.	WO	01/85094		Brainsgate Ltd.	11/15/2001		
	102.	WO	03/077986		Forschungszentrum m. Jülich GmbH	09/25/2003		
	103.	EP	0 861 676		Medtronic Cardiorhythm	09/02/1998		
	104.	EP	0 864 800 A3		Medtronic, Inc.	12/08/1999		
	105.	EP	0 864 800 B1		Medtronic, Inc.	09/29/2004		

### OTHER DOCUMENTS -- NON PATENT LITERATURE

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	106.	CANAVERO, Sergio et al., "Extradural Motor Cortex Stimulation for Advanced Parkinson Disease," J. Neurosurg. 97: pp. 1208-1211, 2002.	
	107.	KUNIEDA, Takeharu et al., "Use of Cavernous Sinus EEG in the Detection of Seizure Onset and Spread in Mesial Temporal Lobe Epilepsy," Epilepsia, 41(11): pp. 1411-1419, 2000.	
	108.	ONAL, Cagatay, et al. "Complications of Invasive Subdural Grid Monitoring in Children with Epilepsy," J. Neurosurg. 98: pp. 1017-1026, 2003.	
	109.	PCT International Search Report for PCT/US2005/010121, Applicant: Boston Scientific Scimed, Inc., Forms PCT/ISA/210 and 220, dated 7/4/2005 (7 pages).	
	110.	PCT Written Opinion of the International Search Authority for PCT/US2005/010121, Applicant: Boston Scientific Scimed, Inc., Form PCT/ISA/237, dated 7/4/05 (5 pages).	
	111.	Web Article: IP.com: "Dual Lumen Inflatable Lead." File://c:\unzipped\PCOM000019703D1\0_properties.xml, Published 9/25/03 (7 pages).	
	112.	Web Article: IP.com: "Electrode Design to Stimulate Blood Vessels, Nerves, or Other Tubular Organs." File://c:\unzipped\PCOM000010247D1\0_properties.xml, Published 11/13/02 (13 pages).	
	113.	Web Article: IP.com: "Epidural Needle for Spinal Cord Stimulation Electrode." File://c:\unzipped\PCOM000011384D1\0_properties.xml, Published 2/14/03 (6 pages).	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 5

### Complete if Known

Application Number	10/799,295
Filing Date	March 12, 2004
First Named Inventor	Michael P. Wallace et al.
Group Art Unit	3762
Examiner Name	Aguel, Fernando
Attorney Docket Number	04-0050 (US01)

114.	Web Article: IP.com: "Medical Lead System and Method for Insertion into the Spinal Cord." File://c:\unzipped\IPCOM000011389D1\0_properties.xml, Published 2/17/03 (7 pages).	
115.	Web Article: IP.com: "Methods and Placement of Neurostimulation Lead, Infusion Catheter, and/or Sensor Via the Vasculature to the Brain." IPCOM000012135D, Published 4/10/03 (11 pages).	
116.	Web Article: IP.com: "Methods of Placement of Neurostimulation Lead, Infusion Catheter, and/or Sensor Via Peripheral Vasculature." 0349945-003 (7 pages).	
117.	Web Article: IP.com: "Skull-Mounted Electrical Stimulation System." File://c:\unzipped\IPCOM000019827D1\0_properties.xml, Published 10/1/03 (29 pages).	
118.	Web Article: IP.com: "Skull-Mounted Electrical Stimulation System and Method for Treating Patients." File://c:\unzipped\IPCOM000021554D1\0_properties.xml, Published 1/22/04 (31 pages).	
119.	Web Article: IP.com: "Spinal Cord Stimulation as a Therapy for Epilepsy." File://c:\unzipped\IPCOM000019881D1\0_properties.xml, Published 10/6/03 (10 pages).	
120.	Web Article: IP.com: "System and Method for Lead Fixation." File://c:\unzipped\IPCOM000019571D1\0_properties.xml, Published 9/19/03 (11 pages).	
121.	Web Article: IP.com: "Transcutaneous Screening Test for Evaluation of Potential Efficacy of Chronic Trigeminal Neurostimulation as a Therapy for Epilepsy." File://c:\unzipped\IPCOM000011987D1\0_properties.xml, Published 3/28/03 (8 pages).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.